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- (71) Applicant (for all designated States except US): THE JOHNS HOPKINS UNIVERSITY [US/US]; 3400 N. Charles Street, Baltimore, MD 21218 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): WATKINS, David, N. [AU/US]; 711 S. Glover Street, Baltimore, MD 21224 (US). BERMAN, David, M. [US/US]; 3728 Chestnut Avenue, Towson, MD 21286 (US). BAYLIN, Stephen, B. [US/US]; 1241 Riverside Avenue, Baltimore, MD 21230 (US). BEACHY, Philip, A. [US/US]; 7818 Chelsea Street, Towson, MD 21204 (US).
- (74) Agent: HAILE, Lisa, A.; Gary Cary Ware & Friedenrich LLP, Suite 1100, 4365 Executive Drive, San Diego, CA 92121-2133 (US).

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(54) Title: USE OF HEDGEHOG PATHWAYINHIBITORS IN SMALL-CELL LUNG CANCER

(57) Abstract: Elevated Hedgehog (Hh) pathway activity, including ligand stimulated Hh pathway activity, was detected in small-cell lung cancer (SCLQ cells, and determined to be associated with growth and proliferation of the cancer cells. Accordingly, methods are provided for treating SCLC associated with elevated Hh pathway activity by reducing or inhibiting the Hh pathway activity. Also provided are methods of determining the responsiveness of SCLC to treatment with a Hh pathway antagonist.

